

## Abstract

### Printable Film and Coating Composition Exhibiting Stain Resistance

5           The present invention relates to articles having a printed surface as well as flexible  
coating and film compositions that are printable in combination with exhibiting stain  
resistance. The composition comprises a hard component having an elongation of less  
than about 150%, a soft component having an elongation of greater than about 200%, and  
a cross-linking agent. The hard component preferably comprises a hydroxy functional  
10 thermoplastic polyurethane, hydroxy functional acrylic polymer, polymeric polyol or  
mixture thereof. The soft component preferably comprises a hydroxy functional  
thermoplastic urethane, polymeric polyol, or mixture thereof; whereas the cross-linking  
agent is preferably an isocyanate.